

Serial No.: 09/768,996
Amendment Dated: October 23, 2003
Reply to Office Action of April 23, 2003

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions in the above-captioned patent application:

Listing of Claims:

Claims 1-12 (Canceled)

13. (Currently Amended) A raised load bearing floor system for mounting upon a non level terrace that includes:

a plurality of spaced apart support pedestals mounted upon the terrace, said pedestals having coplanar horizontally disposed top surfaces,

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a plurality of high strength load bearing grate panels, each of said grate panels containing a series of perforations, said grate panels being mounted upon the coplanar top surfaces of said pedestals, so that each grate panel is supported at each of its corners upon one of said pedestals and each of said grate panels being in abutting relation to establish a continuous raised load bearing sub floor over said terrace; and

a plurality of paving blocks disposed onto a top surface of said grate panels, said paving blocks being arranged in an interlocking relationship upon said grate panels to establish an upper floor, the area between said pedestals being substantially greater than the surface area of each of said paving blocks wherein each paving brick is evenly supported by a plurality of said perforations of at least one grate panel, said paving blocks being fabricated of a material capable of sustaining heavy traffic without appreciable wear.

14. (Previously Amended) The floor system of claim 13 wherein said grate panels are rectangular shaped.

15. (Previously Presented) The floor system of claim 13 wherein said pedestals are fabricated of a high density foam.

16. (Previously Presented) The floor system of claim 13 wherein said pedestals are fabricated of polystyrene.

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17. (Previously Amended) The floor system of claim 13 that further includes a geotextile material located between the plurality of paving blocks and the grate panels.

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18. (Previously Presented) The floor system of Claim 13, wherein each of said pedestals are fabricated of a heat shearable material, said pedestals being directly affixed in spaced apart relationship onto a non-horizontally level terrace substructure, said pedestals being of non-uniform heights having been sheared to produce top surfaces such that all of the top surfaces of said pedestals are horizontally level with one another to form said coplanar top surfaces and said top surfaces are non-parallel with respect to corresponding pedestal lower surfaces.

19. (Previously Presented) The floor system of Claim 18, wherein said pedestals are affixed to said substructure by means of a polystyrene adhesive.
